

IN THE CLAIMS:

Please cancel claims 20-31 without prejudice or disclaimer, and rewrite claims 32, 36 and 37, as shown below in the detailed listing of all claims which were, or are, in the application:

Claims 1-31 (Cancelled)

32. (Currently amended) A method for repair and/or revitalization of the skin or phanera of a mammal in need of said repair and/or revitalization,

comprising topically administering to said mammal the composition of claim 20 a composition prepared by a process comprising:

- extracting a natural citrullinylarginine dipeptide from algae into a pharmaceutically acceptable solvent or solvent mixture to form an extract;

- enhancing an amount of intrinsic polypeptides or proteins present in said extract up to a total content equal to at least 20%, by concentrating said mixture and/or by adding additional polypeptides or proteins to said extract;

- heat treating said extract to produce a non-genotoxic analog of said citrullinylarginine dipeptide; and

- adding said extract to an acceptable carrier;
said composition comprising said analog of said
citrullinylarginine dipeptide.

33. (Previously presented) The method of claim 32, wherein said composition is administered as a potential nitrogen source.

34. (Previously presented) The method of claim 32, wherein said composition is administered to activate the energetic cell metabolism.

35. (Previously presented) The method of claim 32, wherein said composition displays cytostimulating properties.

36. (Currently amended) The method of claim 32, wherein said composition is administered to ~~a mammal as a care agent to improve the behavior of~~ skin or phanera which has been exposed to a cold temperature.

37. (Currently amended) The method of claim 32, wherein said composition is administered to ~~a mammal as a care agent allowing~~ allow the skin to ~~stand~~ withstand a reduced light intensity without increasing ~~the~~ atonicity and ~~the~~ loss of cutaneous sparkle.